

Traffic Summary
Long Term Odor Abatement Facility
Potomac Lakes Parcel H-5A
Loudoun County, Virginia
(Tax Map# /81////////116F; MCPI# 010-10-0295)



The District of Columbia Water and Sewer Authority (DCWASA) proposes to construct a building to enclose the filtration equipment that is necessary for the Potomac Interceptor Sewer long term odor abatement program. The building is generally unmanned with all equipment being monitored remotely at DCWASA's Blue Plains Advanced Wastewater Water Plant. It is anticipated that DCWASA personnel will make approximately 2 trips per week to the facility in order to make a visual inspection of all the equipment. In addition there are one to two trips per year anticipated for maintenance/replacement activities associated with the activated carbon filter. As this is the case, it is anticipated that there will be approximately 4 vehicles per week generated by this facility.

Access to the site is provided by an existing gravel road which runs eastward from the northern terminus of Cascades Parkway to the site. This gravel road continues eastward from the site as it also serves as a maintenance access for the Potomac Interceptor Sewer that runs through this portion. The existing gravel road is gated at the intersection with Cascades Parkway in order to discourage public use of the roadway. As stated above, the entrance is located at the northern terminus of Cascades Parkway. At this point, the road name changes to Fairway Drive and it becomes a privately maintained road that continues in a northwesterly direction and serves as the access to Algonkian Regional Park. The road terminates within Algonkian Regional Park so the only traffic on the road at the gravel access road entrance will be that created by the users of the park. Based upon observations made during a visit to the site there were no safety issues observed and there appears to be sufficient sight distance available for vehicles that will be entering onto Cascades Parkway from the gravel access road.